

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Elahe Houshmand

GENERAL INFORMATION:

Name:	Meggitt Aircraft Braking Systems Corporation
Address:	190 Corporate Drive Danville, KY 40422
Date application received:	3/10/2009
SIC Code/SIC description:	3728, Aircraft Parts and Auxiliary Equipment, NEC (target drones)
Source ID:	21-021-00053
Agency Interest:	71693
Activity:	APE20090001
Permit:	F-08-032 R1

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY: Resultant Source-Wide Emissions (F-08-032 R1):

Pollutant	Actual (TPY)	Potential (TPY)	Allowable (TPY)
PM/PM ₁₀	NA	7.75	N/A
NO _x	NA	8.31	N/A
VOC	NA	178	≤ 90
Toluene (HAP>10 TPY)	NA	40.7	≤9.0
Xylene (HAP>10 TPY)	NA	70.3	≤9.0
Phosphoric Acid (HAP>10 TPY)	NA	34.7	≤9.0
Combined HAPs >25	NA	147	≤22.5

EMISSIONS SUMMARY: Revision 1, Addition of five (5) New Carbon Machining Equipments:

Pollutant	Actual (TPY)	Potential (TPY)	Allowable (TPY)
PM/PM ₁₀	NA	0.324	N/A

EMISSIONS SUMMARY: INITIAL PERMIT (F-08-032)

Pollutant	Actual (TPY)	Potential (TPY)	Allowable (TPY)
PM/PM ₁₀	NA	7.42	N/A
NO _x	NA	8.31	N/A
VOC	NA	178	≤ 90
Toluene (HAP>10 TPY)	NA	40.7	≤9.0
Xylene (HAP>10 TPY)	NA	70.3	≤9.0
Phosphoric Acid (HAP>10 TPY)	NA	34.7	≤9.0
Combined HAPs >25	NA	147	≤22.5

SOURCE DESCRIPTION:

Meggitt Aircraft Braking System Corporation manufactures carbon composites aircraft brake disks. The facility is located in Boyle County that is classified as an attainment area for sulfur dioxide, carbon monoxide, ozone, nitrogen oxides and total suspended particulates pursuant to Regulation 401 KAR 51:010.

MINOR PERMIT REVISION - F-08-032 R1:

Meggitt Aircraft Braking System is adding five (5) carbon machining equipments to the facility, (IM-7 & FM-8 through FM-11). The source is not requesting any change in the source-wide emission limitations. Based on the submitted application received on March 10, 2009, Division has determined that this addition can be covered per 401 KAR 52:030 Section 14, Minor Permit Revisions.

EMISSION AND OPERATING CAPS DESCRIPTION:

Meggitt Aircraft Braking System Corporation has requested voluntary permit limits of less than 90.0 tons per year of volatile organic compounds (VOC), 9.0 tons per year of individual hazardous air pollutants (HAPs) and 22.5 tons per year of combined HAPs.